

POINT PAPER

ON

PACIFIC RADAR BARRIER (PACBAR) /

PURPOSE: To provide information for CINCNORAD's trip to PACAF and PACOM  
on 24-28 Jan 81.

BACKGROUND:

--- PACBAR is directed by PMD R-S 4068. It will provide early detection and tracking of new foreign launches from primary Chinese and Soviet launch facilities. It is a three sensor system: the ALTAIR on Kwajalein Atoll (eastern anchor); the AN/GPS-10 in the Philippines (western anchor); and a GPS-10-type radar on Guam (central anchor).

STATUS:

--- ALTAIR-

--- ALTAIR is an Army owned radar being modified to perform a deep-space role as well as the near-earth PACBAR mission in support of ADCOM. A 4½ month program slip, due to contractor underestimate of the software task, gives an IOC of 15 Sep 81.

--- The ALTAIR modification was funded in FY 80-81 for \$13M (including a \$1.5M cost growth). After IOC, operation is funded as follows: FY 82 - \$7.8M; FY 83 - \$8.1M; FY 84 - \$8.7M; FY 85 - \$9.3M; FY 86 - \$10.6M.

--- AN/GPS-10-

--- General Electric (GE) has been identified by HQ USAF to reinstall the GPS-10 near PACOM STAPHU, San Miguel, Philippines. The GPS-10 is the same radar which was maintained by GE while it was operational in Thailand prior to March 1976.

--- Initial negotiations with the Government of the Philippines (GOP) commenced in January 1980. Although initial GOP response was favorable, negotiations have been going on for the past year. HQ PACAF and HQ PACOM are aware of negotiation progress.

--- The U.S. Ambassador to the Philippines spoke with President Marcos on this issue in Nov 80. Marcos promised action; no progress noted.

--- Due to delays, HQ USAF/XOR has requested that HQ SAC/SXRS consider other locations. Based on ADCOM review, the Philippines remains the first choice.

(GPS-10 reinstallation is, by definition, a "redeployment" and is therefore funded with OEM money. The GPS-10 OEM funding profile which flows directly from redeployment into operation is: FY 81 - \$8.4M; FY 82 - \$10.6M; FY 83 - \$11.4M; FY 84 - \$12.3M; FY 85 - \$13.1M; FY 86 - 14.1M. About \$13M of the FY 81/82 funds are for the redeployment. Slightly over \$1M is budgeted each year for military personnel, and \$9.3M of military construction funds (power plant upgrade) originally scheduled in FY 82 has been deferred to "FY X" pending host country approval.

Central PACBAR sensor:

-- R&D direction is to fund the Guam sensor in FY 82 and to deploy in FY 85. There is no funding in the 82-86 President's Budget.

ISSUES:

-- The PACPAR issue of current interest to PACAF and PACOM is the GPS-10 country-to-country negotiation. PACAF/XP is primary contact for GPS-10 concerns.

ACTION OFFICER: Capt Lenahan/XPMG/3054 DATE: 16 JAN 1981

AUTHENTICATION: William R. Kenty DATE: 16 JAN 1981

WILLIAM R. KENTY, Colonel, USAF  
Asst DCS/Plans, Policy, Programs  
and Requirements

**TRANSCRIBED PAGES FOLLOW**

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--- GPS-10 reinstallation is, by definition, a "redeployment" and is therefore funded with 0[?]M monies. The GPS-10 0[?]M funding profile which flows directly from redeployment into operation is FY 81 - \$8.4M, FY 82 - \$10.6M; FY 83 - \$11.4M; FY 84 - \$12.2M; FY 85 - \$13.1M; FY 86 - 14.1M. Slightly over \$1M is budgeted each year for military personnel, and \$9.3M of military construction funds (power plant upgrade) originally scheduled in FY 82 has been deferred to "FY XX" pending host country approval.

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